



# AYL SoundFit Motherboard Replacement

This tutorial will detail how to replace the motherboard of the AYL SoundFit.

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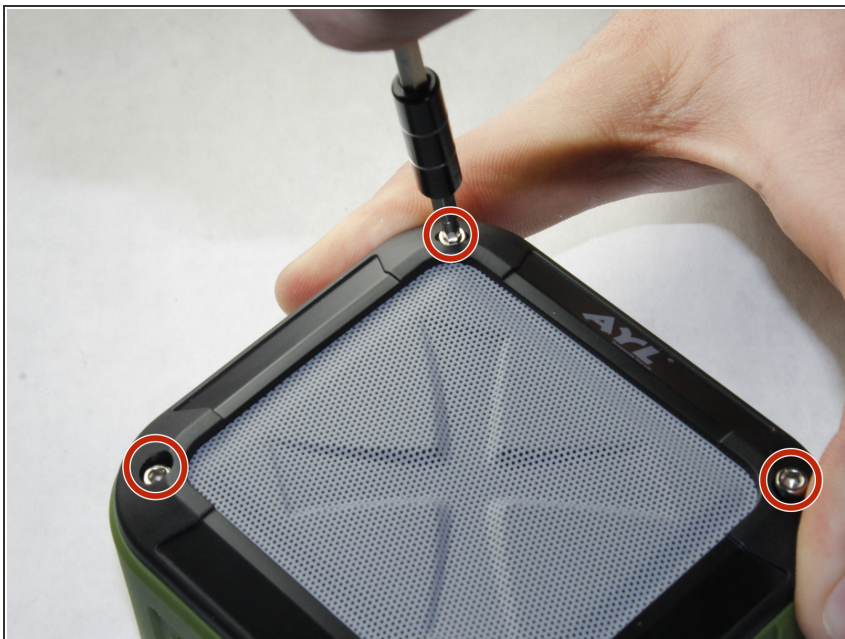




## TOOLS:

- [Heavy-Duty Spudger](#) (1)
  - [Phillips #0 Screwdriver](#) (1)
  - [Solder](#) (1)
  - [Soldering Workstation](#) (1)
  - [2.5 mm Hex Bit](#) (1)
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## Step 1 — Motherboard



- Unscrew the four hex screws on the top of the device using a 2.5mm hex screwdriver.

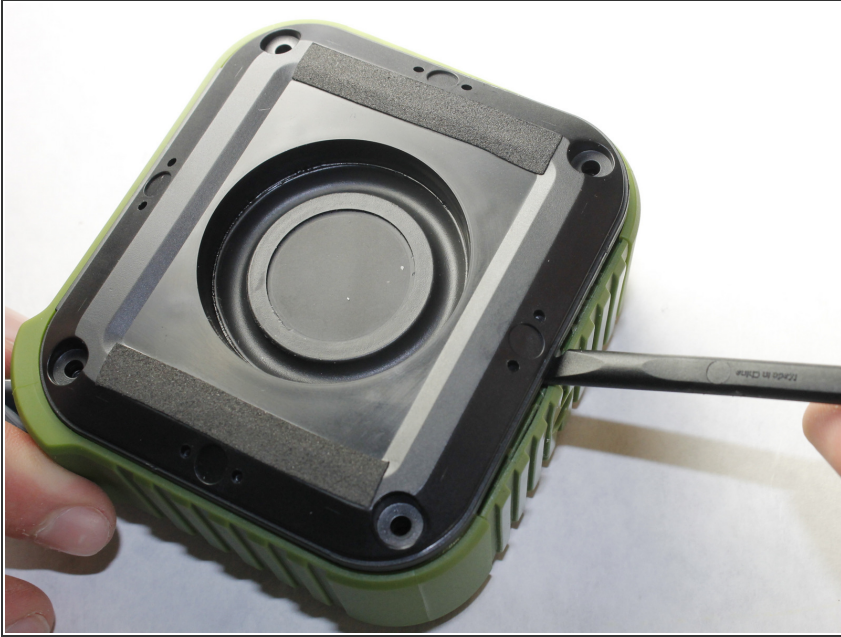
## Step 2



- Place a spudger between the black plastic cover and the green case.
- Pry the black cover away from the main casing and remove the cover.

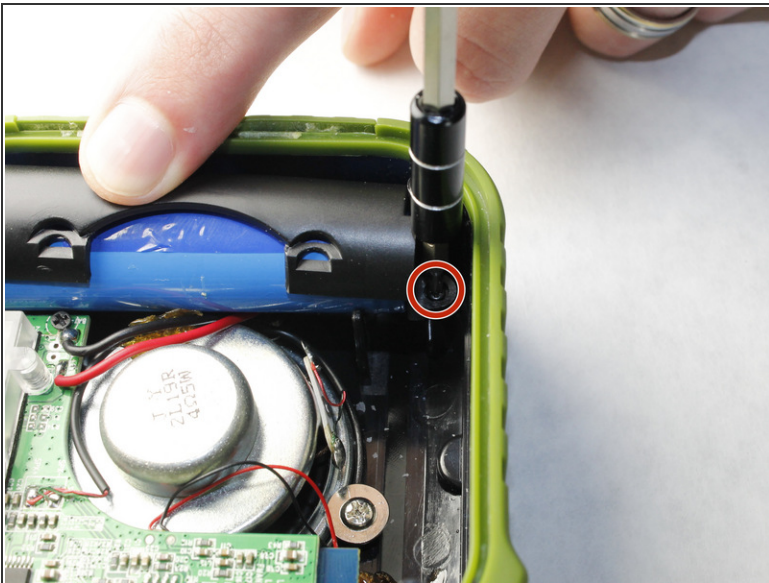


### Step 3



- Place the spudger tool between the black housing, which contains the woofer, and the outer rubber casing.
- Pry the housing away from the body to reveal the motherboard, speaker, and battery.

### Step 4



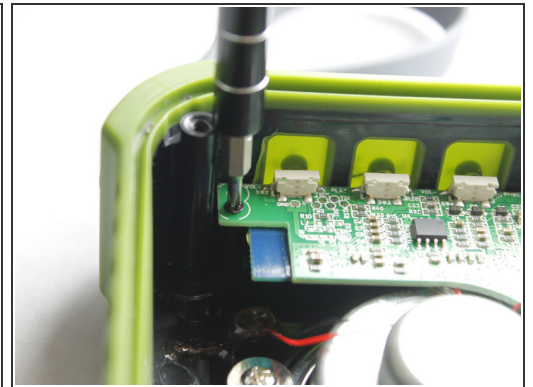
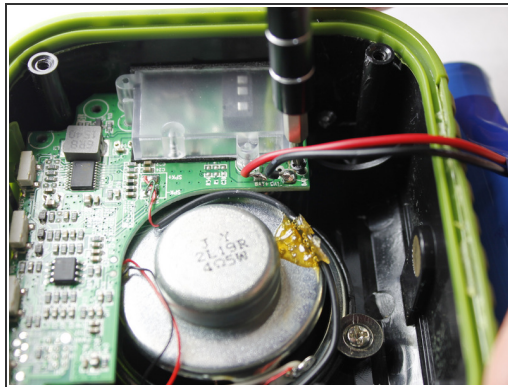
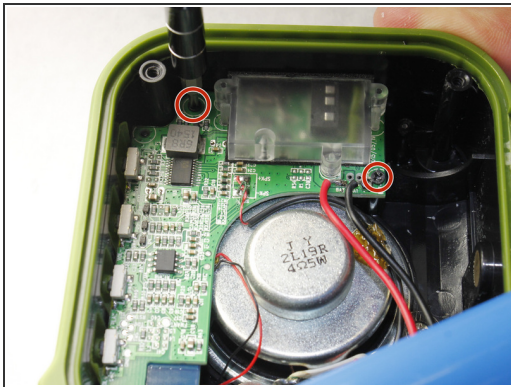
- Remove the two Phillips screws which are holding the battery casing on the housing using a PH00 Phillips screwdriver.
- Remove the battery case to reveal the battery.

## Step 5



- Using a soldering iron, heat up and remove the positive and negative battery contacts from the motherboard.

## Step 6



- Remove the three Phillips screws which are holding the motherboard to the base using a PH00 Phillips screwdriver.
- The motherboard can now be wiggled free from the base.

To reassemble your device, follow these instructions in reverse order.

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